Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 17 Jun 2022 until 23:59 on Saturday 18 Jun 2022

Forecast Issued on Friday 17 Jun 2022 at 04:56

Confidence: High for very warm or hot weather Friday and for the transition to cooler conditions Saturday. Low for cloud and precipitation rain over the weekend.

Headline for Friday 17 Jun 2022: Dry, bright and very warm or hot for much of the day. Gradually turning cloudy through the evening with a chance of rain overnight. Windy.

Mountain weather hazards on Friday 17 Jun 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny	Sunny	Sunny intervals	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	10%

Forecast for Friday 17 Jun 2022

Weather: Dry and bright with long periods of strong sunshine. Very warm, perhaps hot in places. High cloud may turn sunshine hazy later in the day. Turning cloudy from the northwest during the evening with a chance of some patchy light rain towards midnight.

Chance of cloud-free hill tops above 600m: Above 95%, reducing to 40% in northwestern parts during the evening.

Low cloud and visibility: Cloud bases remaining well above summits during the day with very good visibility and distant hills clearly visible. Broken cloud expected to spread across High Peak during the evening, with bases covering slopes down to 300-400m. Moderate or poor visibility in any rain.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Friday 17 Jun 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/32 S	23/29 SW	24/32 SW	21/29 W	16/21 W	14/18 W	13/17 W
300	13/22 S	18/23 SW	19/28 SW	17/26 W	12/18 NW	9/13 W	8/12 W
Valley	5/19 S	11/21 SW	14/27 SW	15/27 W	10/19 NW	7/14 W	6/12 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/13	18/12	21/15	19/14	15/12	13/10	11/8
300	19/16	20/16	24/20	22/18	18/16	15/14	13/12
Valley	18/18	22/19	26/23	23/20	18/17	16/15	14/13
Freezing Level*	3600m	3300m	2900m	3200m	3400m	3600m	3500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very warm temperatures bring a risk of dehydration and heat stress, especially on long climbs. Feeling cooler in the strong breeze, despite this, UV levels are expected to be high or very high and protection against the sun is advised. Windy conditions will make for fairly arduous walking on exposed terrain on higher slopes with buffeting of clothing.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 17 Jun 2022	0mm	0mm	0mm

Forecast for Saturday 18 Jun 2022

Weather: Rather cloudy with some patchy light train initially. Through the morning rain is expected to spread northwards, becoming persistent and widespread across the Peaks, especially further south. Rain is likely to be heavy at times with a chance of thunderstorms. Cooler than recent days.

Maximum wind: Westerly or Northwesterly 10mph, gusting 20-25 mph.

Chance of cloud-free hill tops above 600m: 80% initially, lowering to 40% as rain becomes heavy or more persistent.

Low cloud and visibility: Cloud bases expected to be above summits with generally very good visibility and clear views of distant hills. Broken or overcast cloud lowering upon arrival of heavy and persistent rain to around 400-600m. Moderate or poor visibility in any showers or rain.

Temperature: **Valleys:** Plus 12 Celsius becoming plus 16 Celsius, soon falling as rain arrives.
At 600m: Plus 8 Celsius becoming plus 13 Celsius, soon falling as rain arrives.
Freezing level: Above summits

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